

### SUBJECT GUIDE:

Exam Board - EDEXCEL

#### WHY CHOOSE MATHEMATICS?

An IGCSE in Mathematics is a valuable qualification that is always in demand in the employment markets, universities and colleges. The ability to understand logical arguments and numerical information makes an IGCSE mathematician sought after. Career and educational opportunities range from financial and economic planning through management services, to scientific and industrial research, engineering and computing. This qualification is recognized globally and has several progression routes.

#### HOW WE STUDY MATHEMATICS?

Achievement in Mathematics relies on hard work, motivation and commitment. Every lesson generates at least one hour of private study and students will complete set work relating to new topics. Students are advised to make full use of Mathematics Workshops that are available throughout their one or two years of study.

#### WHAT WE STUDY?

Course Code: 4MA1

Students will be taught the 9 - 1 Edexcel International GCSE in Mathematics A specification. It has two tiers of entry which allow the students to be examined at an appropriate level of ability. The syllabus will cover content based on Numbers, Algebra, Geometry and Statistics.

#### HOW YOU WILL BE ASSESSED

There will be five internal assessments based on the content covered.

The students will also be examined externally by Edexcel. This assessment will consist of two Examinations weighting 50% each. Both of the Exams will be two hours long and will allow the use of a calculator.

#### PROGRESS PATHS

Students with a 9, 8 or 7 result in IGCSE Mathematics will be allowed to study our A Level Mathematics course.

An A and AS Level in Mathematics demonstrates that you have a level of numerical and problem solving skills which are well above average, making you particularly valued by employers and higher education establishments.

Mathematics is essential if you want to study for a Mathematics degree and is often necessary for Physics, Engineering or Computing. It can also provide useful support for studies in Biology, Chemistry, Finance, Business, Economics and Social Sciences.

#### IGCSE MATHEMATICS TEACHER

Amit Obhrai is qualified with BSc Hons (Mathematics – Brunel). He joined Regent Group in September 2009 and has a proven track record in teaching KS2, KS3, GCSE and GCE Mathematics.